

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(170)17	1983	5	211

GENERAL NOTES:

1. Azimuths and Coordinates are based on Plane Coordinates referenced to U.S.C.G.S. Monument "Salt Lake" N. 72,589.69, E. 530,326.89, (1969).
2. Elevations are based on Mean Sea Level Datum.

CURVE DATA TABLE					
NO.	N.COORDINATE	E.COORDINATE	DATA		
1	PC	62,288.23	533,456.73	Δ	5°04'37.3"
	PT	62,212.11	534,072.11	R	7,000'
	CC	69,190.41	534,022.87	L	620.28'
	PI	62,236.53	533,762.73	T	310.34'
4	PC	62,174.43	533,651.07	Δ	2°27'43.1"
	PT	62,057.93	534,502.46	R	20,000'
	CC	81,926.94	536,787.71	L	859.39'
	PI	62,107.03	534,075.52	T	429.76'
6	PC	62,252.73	533,450.73	Δ	3°46'49.2"
	PT	62,120.16	534,431.33	R	15,000'
	CC	77,043.12	535,949.61	L	989.69'
	PI	62,170.26	533,938.84	T	495.03'

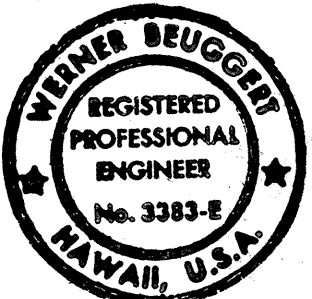
SURVEY PLOTTED BY	DATE
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DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

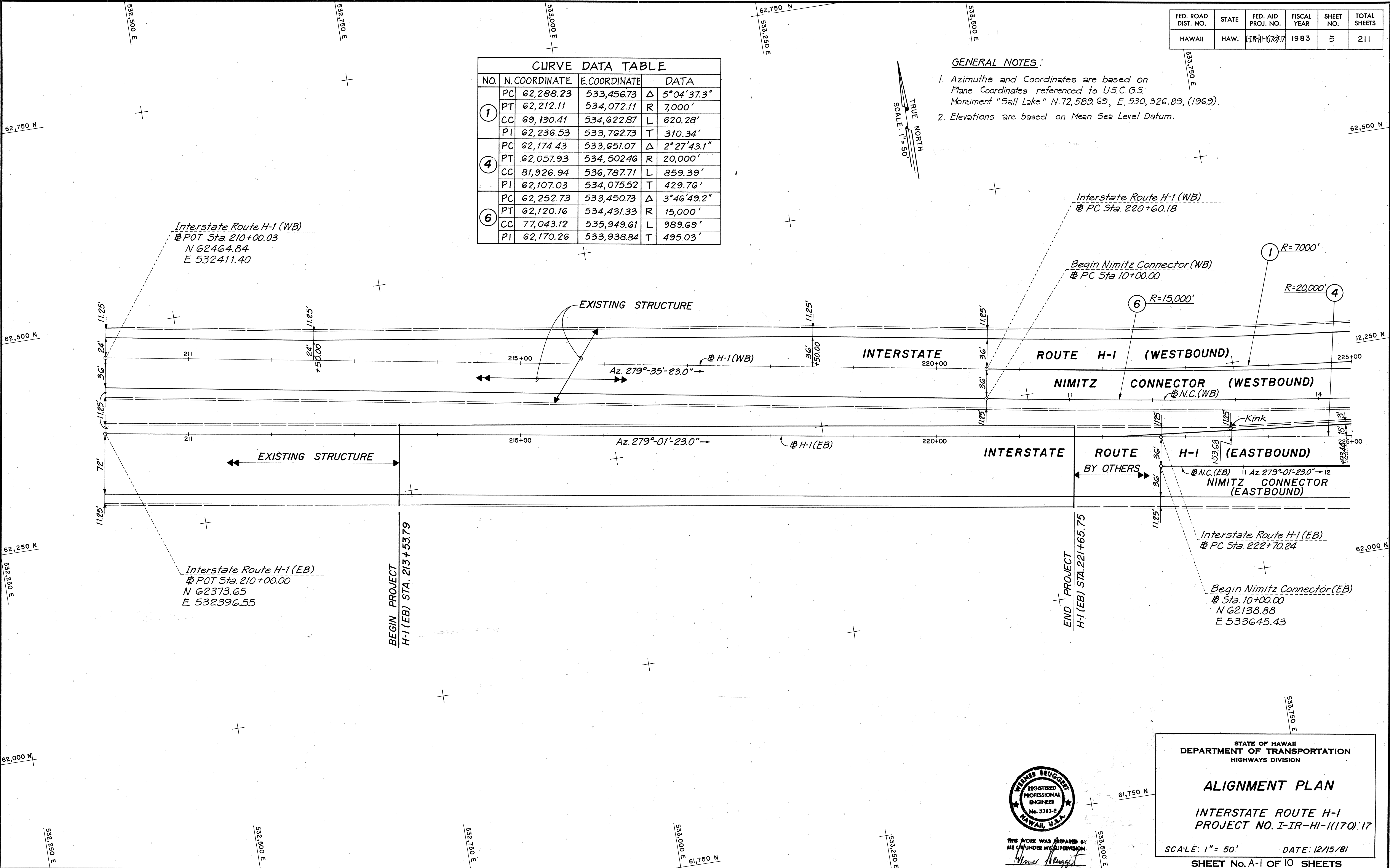
ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-IR-HI-1(170)17

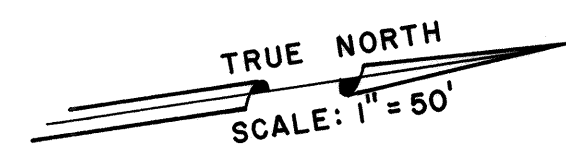
SCALE: 1" = 50' DATE: 12/15/81
SHEET No. A-1 OF 10 SHEETS



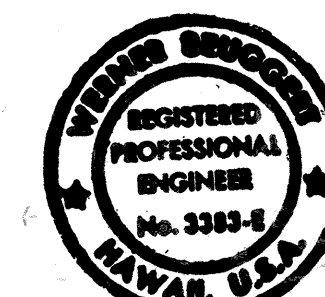
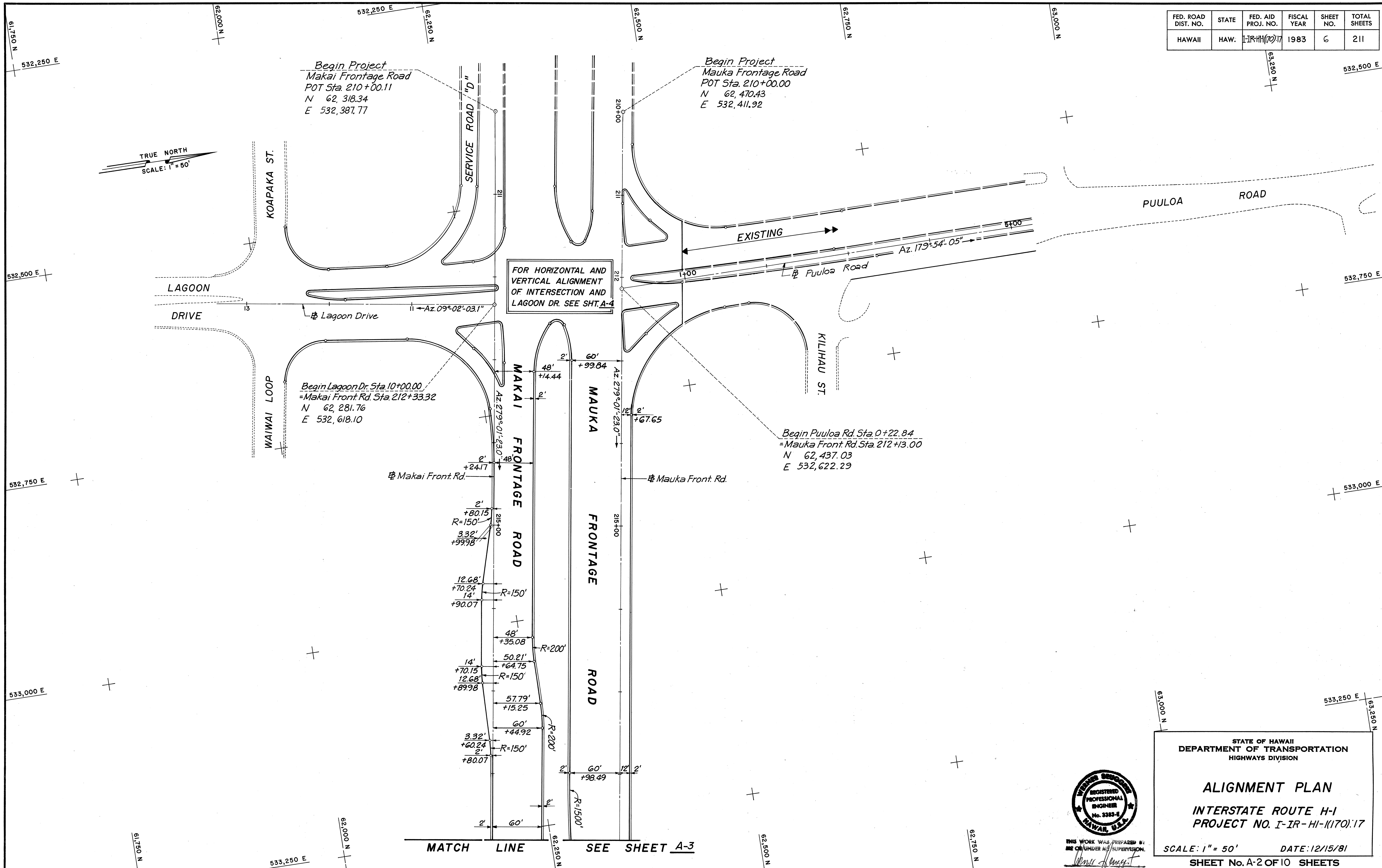
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FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	1-IR-HI-1(170)17	1983	6	211



SURVEY PLOTTED BY	DATE
DESIGNED BY	
TRACED BY	
NOTED BY	
CHECKED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	



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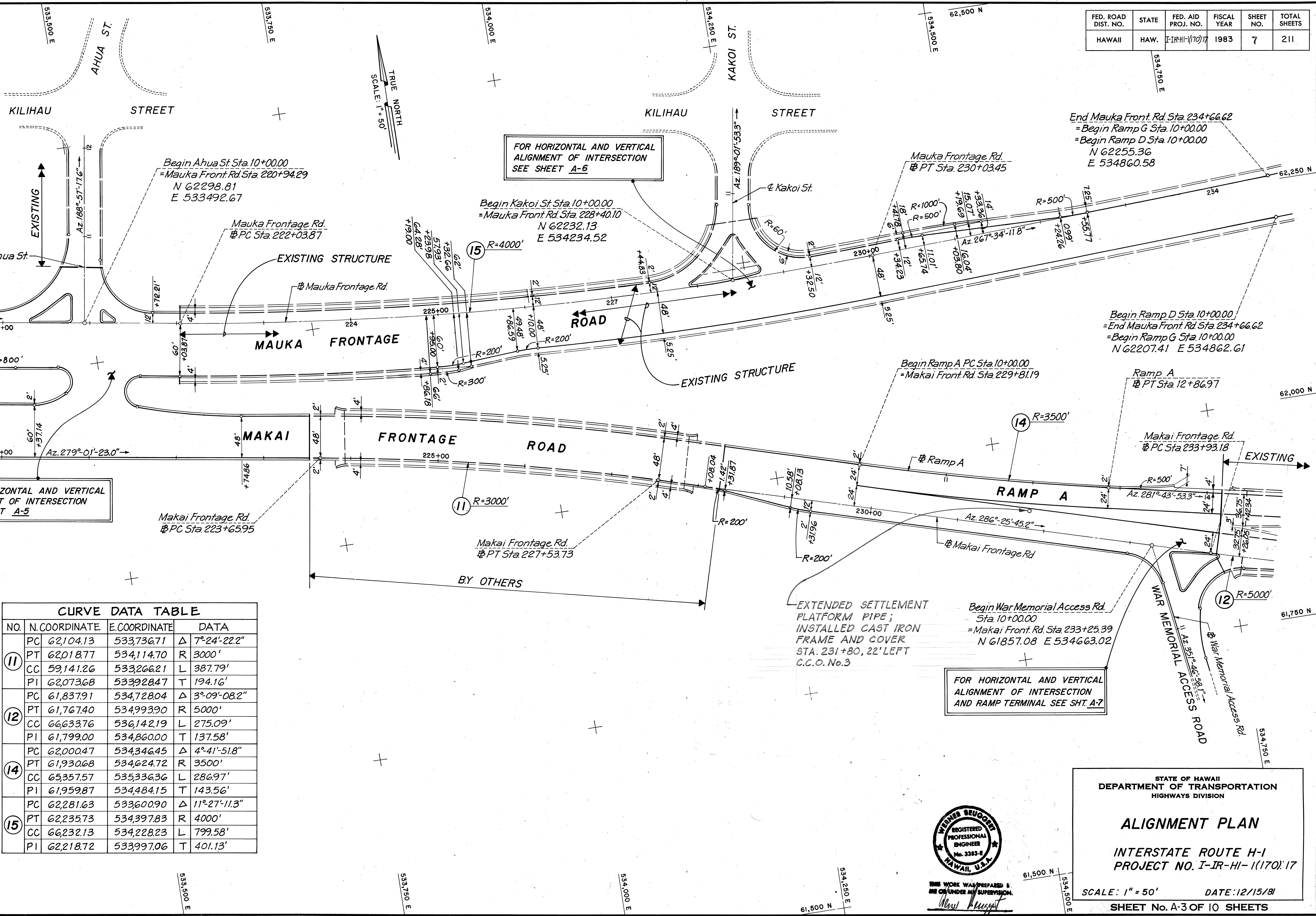
STATE OF HAWAII
 DEPARTMENT OF TRANSPORTATION
 HIGHWAYS DIVISION

ALIGNMENT PLAN

INTERSTATE ROUTE H-1
 PROJECT NO. I-IR-HI-1(170)17

SCALE: 1" = 50' DATE: 12/15/81
 SHEET No. A-2 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	I-IR-HI-1(170)17	1983	7	211

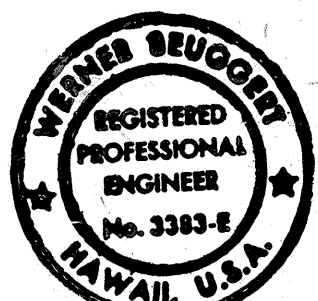


FOR HORIZONTAL AND VERTICAL ALIGNMENT OF INTERSECTION SEE SHEET A-5

FOR HORIZONTAL AND VERTICAL ALIGNMENT OF INTERSECTION SEE SHEET A-6

FOR HORIZONTAL AND VERTICAL ALIGNMENT OF INTERSECTION AND RAMP TERMINAL SEE SHT. A-7

CURVE DATA TABLE				
NO.	N.COORDINATE	E.COORDINATE	DATA	
11	PC 62,104.13	533,736.71	Δ 7°-24'-22.2"	
	PT 62,018.77	534,114.70	R 3000'	
	CC 59,141.26	533,266.21	L 387.79'	
	PI 62,073.68	533,928.47	T 194.16'	
12	PC 61,837.91	534,728.04	Δ 3°-09'-08.2"	
	PT 61,767.40	534,993.90	R 5000'	
	CC 66,633.76	536,142.19	L 275.09'	
	PI 61,799.00	534,860.00	T 137.58'	
14	PC 62,000.47	534,346.45	Δ 4°-41'-51.8"	
	PT 61,930.68	534,624.72	R 3500'	
	CC 65,357.57	535,336.36	L 286.97'	
	PI 61,959.87	534,484.15	T 143.56'	
15	PC 62,281.63	533,600.90	Δ 11°-27'-11.3"	
	PT 62,235.73	534,397.83	R 4000'	
	CC 66,232.13	534,228.23	L 799.58'	
	PI 62,218.72	533,997.06	T 401.13'	



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

ALIGNMENT PLAN

INTERSTATE ROUTE H-1
PROJECT NO. I-IR-HI-1(170)17

SCALE: 1" = 50' DATE: 12/15/81

SHEET No. A-3 OF 10 SHEETS

DATE	
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ORIGINAL PLAN	
NOTE BOOK	
No.	

1. For Construction Limits see Roadway Construction Plans.

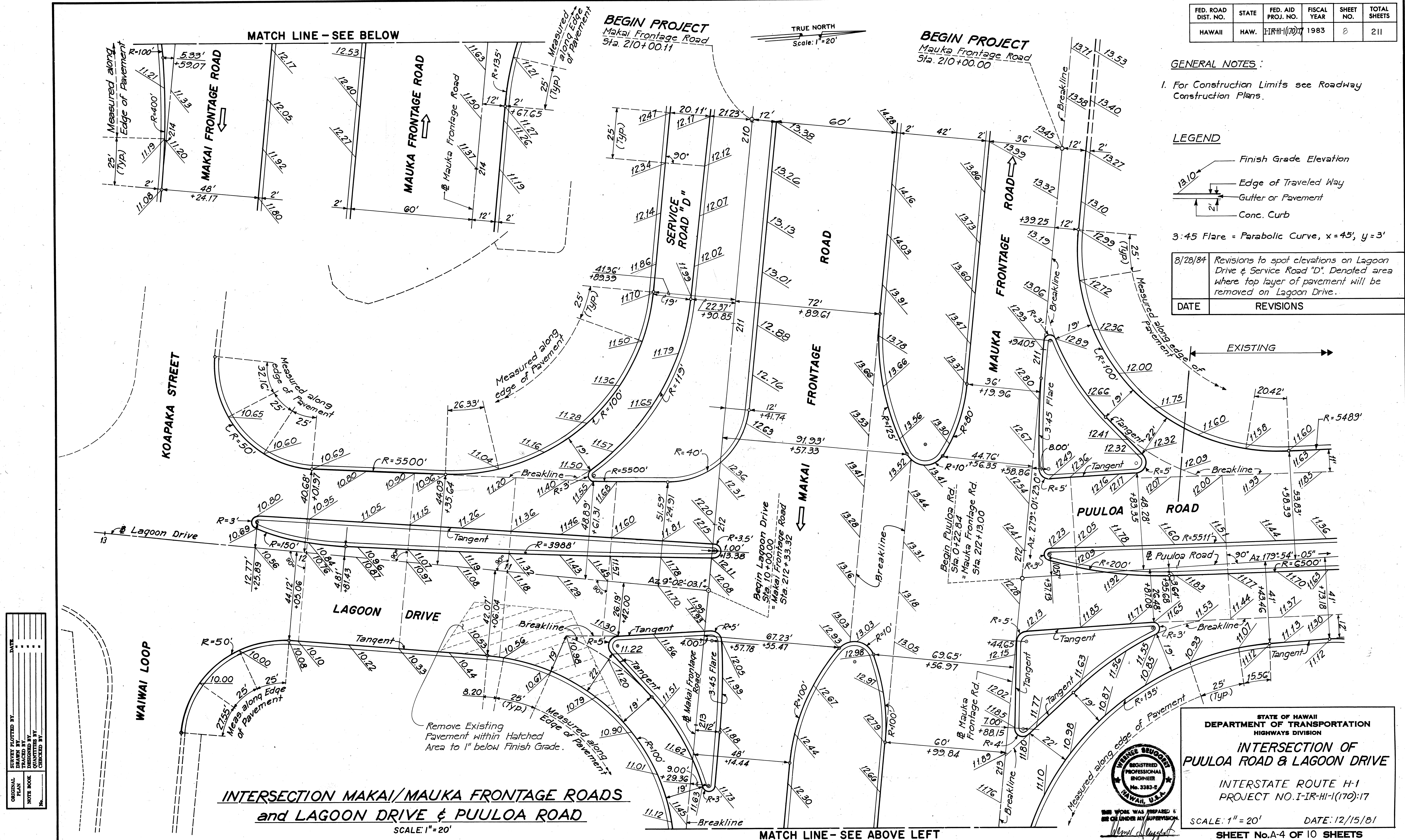
LEGEND

Diagram illustrating the relationship between various elevation points and dimensions for a road cross-section:

- Finish Grade Elevation**: The highest point on the road surface.
- Edge of Traveled Way**: The boundary of the road's travel surface.
- Gutter or Pavement**: The surface area between the edge of the traveled way and the curb.
- Conc. Curb**: The concrete curb at the edge of the road.
- Dimensions**:
 - 13.10**: The vertical distance from the Edge of Traveled Way to the Finish Grade Elevation.
 - 2.1**: The vertical distance from the Conc. Curb to the Edge of Traveled Way.

3:45 Flare = Parabolic Curve, $x = 45'$, $y = 3'$

8/28/84	Revisions to spot elevations on Lagoon Drive & Service Road "D". Denoted area where top layer of pavement will be removed on Lagoon Drive.
DATE	REVISIONS



**STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION**

*INTERSECTION OF
PUULOA ROAD & LAGOON DRIVE*

INTERSTATE ROUTE H-1
PROJECT NO. I-IR-HI-1(170):17

SCALE: 1" = 20' DATE: 12/15/81

SHEET No.A-4 OF 10 SHEETS

C.O.8

NOTE :
For Legend and General Notes
See Sheet A-4

For Legend and General Notes
See Sheet A-4



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HIGHWAYS DIVISION

AHUA STREET INTERSECTION

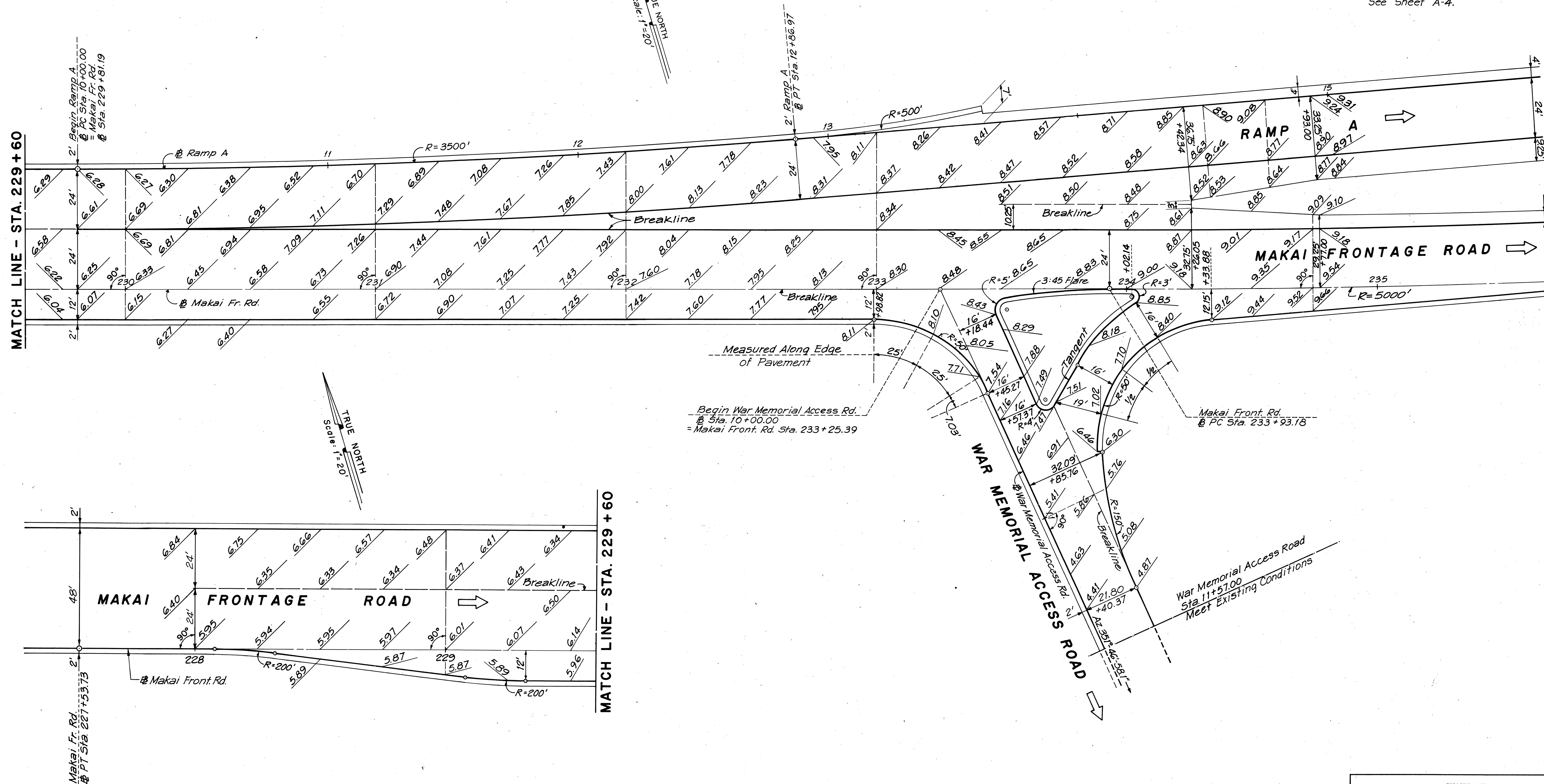
INTERSTATE ROUTE H-1
PROJECT NO. I-IR-HI-1(170).17

SCALE: 1" = 20' DATE: 12/15/81

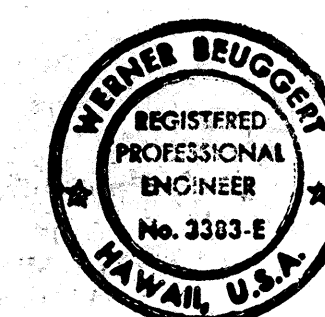
SHEET No. A-5 OF 10 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	IR-HI-1(170)	1983	11	211

NOTE:
For Legend and General Notes
See Sheet A-4.



RAMP A & MAKAI FRONTAGE ROAD and WAR MEMORIAL ACCESS ROAD
SCALE: 1" = 20'



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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION
RAMP TERMINAL & INTERSECTION
MAKAI FR. RD. / RAMP A /
WAR MEMORIAL ACC. RD.
INTERSTATE ROUTE H-1
PROJECT NO. I-IR-HI-1(170):17
SCALE: 1" = 20' DATE: 12/15/81
SHEET No. A-7 OF 10 SHEETS

ORIGINAL PLAN	DATE
DESIGNED BY	
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